

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of:)	Docket No.:	4240-103	
Applicant:	LEE, Sang Yup, et al.)	Examiner:	Not Yet Assigned
Application No.:	Unassigned)	Art Unit:	Not Yet Assigned
Date Filed:	March 2, 2004)	Customer No.:	23448
Title:	COMPOSITION FOR PROTECTING PROTEINS DEGRADATION COMPRISING SMALL HEAT SHOCK PROTEINS (sHSPs) AND METHOD OF TWO- DIMENSIONAL GEL ELECTROPHORESIS USING THE sHSPs)	23448	
Cross-Reference to Related Application:	This application claims priority under 35 USC § 119 of Korean Patent Application No. 10-2003-0062756 filed September 8, 2003			

EXPRESS MAIL CERTIFICATE

I hereby certify that I am mailing the attached documents to the Commissioner for Patents on the date specified, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 and Express Mailed under the provisions of 37 CFR 1.10.



Candace White

March 2, 2004
Date

EV160595239US
Express Mail Label Number

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner of Patents and Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. One copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

1. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(1).

b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2).

c. Attached is our check no. _____ in the amount of \$_____ in payment of the fee under 37 C.F.R. §1.17(p). Please credit or debit Deposit Account No. _____ as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.

3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check no. _____ in the amount of \$180.00 in payment of the petition fee under 37 C.F.R. §1.17(i)(1). Please credit or debit Deposit Account No. _____ as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.

a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(1).

b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2).

Respectfully submitted,



Steven J. Hultquist
Reg. No. 28,021
Attorney for Applicants

INTELLECTUAL PROPERTY/
TECHNOLOGY LAW
Telephone: (919) 419-9350
Fax: (919) 419-9354
Attorney Ref: 4240-103

FORM PTO-1449 US Dept. of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)			ATTORNEY DOCKET NO.		SERIAL NO.		
			4240-103		Unassigned		
			APPLICANT				
			LEE, Yang Sup				
			FILING DATE		GROUP		
March 2, 2004		Unassigned					
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
AA	6,554,991						
AB	2002/157954						
AC	2002/133300						
AD	6,416,644						
AE	6,398,932						
AF	2001/032786						
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AL	5,993,627						
AM	WO98/59092						
AN	WO02/25259						
AO	WO02/90966						
AP	WO01/79250						
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
Page 1 of 2							
EXAMINER					DATE CONSIDERED		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							

* All the foreign patents and publications that are not written in English language are accompanied by their respective English abstracts, which constitute concise explanation of relevance of the non-English patents and publications that satisfy the requirements of 37 C.F.R. §1.98(a)(3)(i), according to MPEP 609 III A(3).

FORM PTO-1449	US Dept. of Commerce Patent and Trademark Office	ATTORNEY DOCKET NO. 4240-103	SERIAL NO. Not Yet Assigned
INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)		APPLICANT LEE, Sang Yup	
		FILING DATE March 2, 2004	GROUP Not Yet Assigned

OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)		
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	AT	Horowitz, "a-Crystallin can function as a molecular chaperone", Proc. Natl. Acad. Sci., USA, 89:10449-53, 1992.
	AU	Ehrnsperger, et al., "Stabilization of Proteins and Peptides...", Anal. Biochem., 259: 218-225, 1998.
	AV	Hochstrasser, et al., "Methods for Increasing the Resolution...", Anal. Biochem., 173:424-435, 1988.
	AW	Han, et al., "Proteome Analysis of Metabolically...", J. Bacteriol., 183:301-308, 2001.
	AX	Bradford, "A Rapid and Sensitive Method for the Quantitation...", Anal. Biochem. 72:248-254, 1976.
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